

NPIC ROUTING SLIP

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2014/01/07 : CIA-RDP78B05707A000100100009-4

FROM:

DATE:

1 July 62

| | TO | INITIALS | DATE | FOR YOUR | | | | | | | | | |
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A Historical stuff now
For info and any
use you may make
of it. CAC

REMARKS: Generally agree with Col. Parker on paper, but take some exception to the following:

RE PARA 6a.: Insofar as NPIC is concerned we really have no need for rectifiers for KH-4 photography.

Our measurements are calculated on the computer which remove unrectified configurations.


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2014/01/07 : CIA-RDP78B05707A000100100009-4 g equipment
for cartographic purposes.

RE PARA 6b: NPIC does have a computer program for
KH-4 mensuration problems. We have been able to
solve the problem. More sophisticated programs
are being worked at, but we had sufficient info
to get at them.

RE PARA 6c: I don't see how the absence of
information affects our effort on continuous stereo
viewing. We decided that continuous stereo
viewing scan was not practical and that we would
look at specific targets in stereo as required.



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JUN 26 1962

ACL ACL
CFC CFC
HFS HFS

Handle Via Indicated Controls

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Evaluation

WARNING

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This document contains information referring to Projects:

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TCS-12570-62-KH
26 June 1962Copy 1

MEMORANDUM FOR: Director, NPIC

SUBJECT: Dissemination of Sensitive Information for
Exploitation Purposes

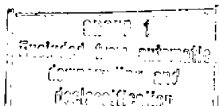
1. This memorandum is a summary of recent conversations with DIA representatives on the above subject.

2. As discussed with DIA, from the NPIC point of view there are, at the risk of some oversimplification, three types or categories of information required by exploiters:

- a. General programming information
- b. General technical information
- c. Detailed technical information

3. General programming information is basically a forecast or estimate of what "packages" are scheduled to be launched and when they are to be launched. Even without security restrictions this could never be better than a rough forecast due to uncertainties as to success with technical problems, to political climate and to changing needs of the Intelligence Community. Nevertheless, the collection agencies have a responsibility to provide the best possible forecast projected as far ahead as possible and this forecast should be in writing and should be revised periodically. At NPIC our knowledge of the scheduling of future programs is essentially "word-of-mouth" and we do not know how valid it is. We have never received in writing a plans or programs summary addressed to this problem.

4. General technical information is basically a summary of the main technical features of a collection system so that planners can assess its impact on exploitation equipment and procedures and determine what actions to initiate to obtain or modify equipment and to adjust personnel and organizational procedures to handle. We left with DIA, during a recent conference, an outline of essential technical data. Collection agencies should disseminate this required information in writing as early as possible. For the most part this permits the planner to determine

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whether his equipment can physically handle the new product, e.g., will the spools on his viewers accept the width? Will the format fit on a light table? Can existing stereo devices pick up stereo images? At NPIC we have tried in our development and procurement program to keep our equipment flexible and versatile and to avoid special items designed for one program only. As a result we can "jury-rig" for almost any conceivable program. But we must always check item by item through the entire exploiting procedure: printing, processing, enlarging, viewing, measuring, etc.

5. Detailed technical information tends to merge with the above and it is difficult to draw the line. For some exploiters the general technical information will be enough, particularly if they rely on NPIC to anticipate equipment requirements. However, any agency which has cartographic problems or which performs precise mensuration must go into considerable detail because they must analyze every item which will affect the quality and distortion of the recorded images. Particularly important are rectification requirements for cartographic agencies and computer programming for any agency which performs mensuration on a wholesale basis. This detailed technical information should be made available in manuals or brochures prepared well in advance by the collection equipment manufacturers. However, this alone will not suffice, even if it were prepared on a timely basis. For NPIC and the cartographic agencies the necessary details cannot be developed short of conferences between the contractor and the exploiting agency. The contractor cannot anticipate all questions and his answers to some questions will stimulate further questions.

6. Certain specific technical problem areas are summarized as follows:

a. With respect to rectifiers for KH-4 photography, there is still, as far as we know, no piece of equipment specifically designed for this task. Negotiations for such equipment development are underway at the present time; however, some six months of lead-time have been lost because interested technical personnel were not knowledgeable at the proper time for preparation of specifications. Meanwhile, AMS has modified, in-house, a rectifier for KH-4 photography and it is understood to be working satisfactorily. We do not know how ACIC is faring.

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b. NPIC does not yet have a satisfactory computer program for KH-4 mensuration. (We probably had as much warning as the collection agency would reasonably give us - we simply have not been able to solve it yet, pointing up the long lead-time which may be required.)

c. NPIC does not yet have a continuous stereo viewing capability for KH-4. However, this is not a serious handicap. It is doubtful if we will ever have a satisfactory answer to this problem and our current procedures and equipment are at least satisfactory for our own exploitation.

d. During the past year, had several packages come in when scheduled, we would have had exploitation problems because of lack of technical and program data ahead of time.

e. We are not now sure as to what programs are coming in when, and there are no formal procedures to provide the information. Correspondence with Dr. Charyk's office and discussions with Dr. Scoville give hope that we may eventually get set up for an orderly flow of information.

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Colonel, Corps of Engineers
Deputy Director

National Photographic Interpretation Center

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NPIC:OD/  (21 Jun 62)

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